



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Bruce J. Kokko

Examiner: S. AY

U.S. Serial No. 09/456,270

Group Art Unit 1731

Filed: December 7, 1999

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Docket No. 2130 (FJ-99-12)

For: METHOD OF MAKING ABSORBENT  
SHEET FROM RECYCLE FURNISH

INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner for Patents  
Washington, D.C. 20231

10/17/2001 561253 0030161 330935 09/456,270  
01 70:126 180.00 CH

Sir:

Applicant hereby discloses the following information relating to the above-noted application.

Examples Series A, appearing on page 30 of the above-noted application as filed and reproduced below, utilized a commercially available debonder composition:

*Considered  
1-20-02*  
Example Series A

Example 1 was repeated except with from 3 to 8 #/T of a formulation (A) containing in part, 75 wt.% of a mixture of 1-(2-octadecenamidoethyl)-2-heptadecenyl-3-methylimidazolinium methylsulfate, 1-(2-octadecenamidoethyl)-2-heptadecenylimidazoline and 10 wt% PEG-6-dioleate was added between additions of Bufloc 534 and Bufloc 594. The add-on of the Bufloc 534 was changed for each add-on level of surfactant to keep the final furnish charge neutral. This series of sheet is designated as "A" on Figure 2.

Example Series B, also appearing on page 30 of the above-noted application as filed, also utilized a commercially available debonder composition:

#### Example Series B

The procedure of Example Series A was followed except that the debonder formulation included 1.9:1 di-(2-hydroxyethyl methyloctadecylammonium chloride:dimethyl-ditallowammonium chloride, formulated with 33 wt.% PEG-6-dilaurate. This series of sheet is designated as "B" on Figure 2. ~~\_\_\_\_\_~~

The debonder utilized in Example Series B is promoted by the manufacturer as "Best on virgin and mixed virgin/recycled".

**SERTIFICATE OF MAILING BY FIRST CLASS MAIL (37 CFR 1.8)**

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Invention: METHOD OF MAKING ABSORBENT SHEET FROM RECYCLE FURNISH

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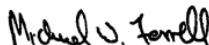
**Michael W. Ferrell***(Typed or Printed Name of Person Mailing Correspondence)**(Signature of Person Mailing Correspondence)*

Note: Each paper must have its own certificate of mailing.

REMARKS

The foregoing information is believed merely cumulative of the art already of record, particularly *Osborn III*. Please charge the fee of \$240.00 for filing an Information Disclosure Statement after the first Office Action to Deposit Account No. 50-0935.

Respectfully submitted,



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October 12, 2001